

## CLAIMS

1           1.     A method in a computer system for navigating within a body of data,  
2     comprising:  
3           receiving a navigation request from a first user;  
4           determining that the first user is in a first group of users;  
5           based on determining that the first user is in a first group of users, browsing  
6     the body of data in response to input from the first user using a first browse graph;  
7           receiving a navigation request from a second user;  
8           determining that the second user is in a second group of users; and  
9           based on determining that the second user is in a second group of users,  
10    browsing the body of data in response to input from the second user using a second  
11    browse graph distinct from the first browse graph.

1           2.     The method of claim 1 wherein the body of data browsed using the  
2     first and second browse graphs is a listing of items for sale.

1           3.     The method of claim 1 wherein the first graph is tailored to the  
2     preferences of the first group of users and the second graph is tailored to the preferences  
3     of the second group of users.

1           4.     The method of claim 1 wherein the second graph is constructed so as  
2     to prevent access to a portion of the body of data that is prohibited with respect to  
3     members of the second group of users.

1           5.     The method of claim 1 wherein browsing the body of data in  
2     response to input from the first user using a first browse graph involves traversing a first  
3     path of relations in the first browse graph to access a selected subset of the body of data,  
4     and wherein browsing the body of data in response to input from the second  
5     user using a second browse graph involves traversing a second path of relations in the

6 second browse graph to access the selected subset of the body of data, the first and  
7 second paths to the selected subset of the body of data being different.

6. The method of claim 1 wherein browsing the body of data in  
1 response to input from the first user using a first browse graph involves traversing a first  
2 path of relations in the first browse graph to access a selected subset of the body of data,  
3 and wherein the first path of relations is not available in the second browse graph, so that  
4 the selected subset of the body of data cannot be accessed by the second user.

7. The method of claim 1 wherein both the first and second browse  
1 graphs are composed of browse relations, and wherein the second graph includes a  
2 browse relation not included in the first browse graph.

8. The method of claim 1 wherein the first browse graph is comprised  
1 of a plurality of text segments in a first natural language, and wherein the second browse  
2 graph is comprised of the plurality of text segments in a second natural language distinct  
3 from the first natural language.

9. A computer-readable medium whose contents cause a computer  
1 system to navigate within a body of data by:  
2 receiving a navigation request of a first type;  
3 in response to receiving the navigation request of the first type, browsing  
4 the body of data using a first browse graph;  
5 receiving a navigation request of a second type; and  
6 in response to receiving the navigation request of the second type, browsing  
7 the body of data using a second browse graph distinct from the first browse graph.

10. The computer-readable medium of claim 9 wherein the first browse  
1 graph is tailored to users issuing navigation requests of the first type and the second  
2 browse graph is tailored to users issuing navigation requests of the second type.  
3

1           11.    The computer-readable medium of claim 9 wherein the second graph  
2 is constructed so as to prevent access to a subset of the body of data that is prohibited  
3 with respect to users issuing navigation requests of the second type.

1           12.    The computer-readable medium of claim 9 wherein browsing the  
2 body of data using a first browse graph involves traversing a first path of relations in the  
3 first browse graph to access a selected subset of the body of data,

4                   and wherein browsing the body of data using a second browse graph  
5 involves traversing a second path of relations in the second browse graph to access the  
6 selected subset of the body of data, the first and second paths to the selected subset of the  
body of data being different.

1           13.    The computer-readable medium of claim 9 wherein browsing the  
2 body of data using a first browse graph involves traversing a first path of relations in the  
3 first browse graph to access a selected subset of the body of data, and wherein the first  
4 path of relations is not available in the second browse graph, so that the selected subset of  
5 the body of data cannot be accessed by users issuing navigation requests of the second  
type .

1           14.    The computer-readable medium of claim 9 wherein both the first and  
2 second browse graphs are composed of browse relations, and wherein the second graph  
includes a browse relation not included in the first browse relation.

1           15.    The computer-readable medium of claim 9 wherein the first browse  
2 graph is comprised of a plurality of text segments in a first natural language, and wherein  
3 the second graph is comprised of the plurality of text segments in a second natural  
language distinct from the first natural language.

16. A method in a computer system for navigating within a body of data  
1 using one of a plurality of distinct browse graphs, comprising:  
2 receiving a navigation request;  
3 based upon information contained in the received navigation request,  
4 selecting one of the plurality of browse graphs; and  
5 in response to user input received subsequent to the receipt of the  
6 navigation request, browsing the body of data using the selected browse graph.

17. The method of claim 16 wherein the plurality of distinct browse  
1 graphs include a first browse graph and a second browse graph, and wherein the body of  
2 data contains a selected portion, and wherein the user input sequence required to browse  
3 to the selected portion using the first browse graph is different than the user input  
4 sequence required to browse to the selected portion using the second browse graph.

18. The method of claim 16 wherein the plurality of distinct browse  
1 graphs include a first browse graph and a second browse graph, and wherein the body of  
2 data contains a selected portion, and wherein the first browse graph can be used to  
3 browse to the selected portion and the second browse graph cannot be used to browse to  
4 the selected portion.

19. The method of claim 16 wherein the plurality of distinct browse  
1 graphs include a first browse graph and a second browse graph, and wherein the first  
2 browse graph is comprised of a plurality of text segments in a first natural language, and  
3 wherein the second browse graph is comprised of the plurality of text segments in a  
4 second natural language distinct from the first natural language.

20. A computer-readable medium whose contents cause a computer  
1 system to navigate within a body of data using one of a plurality of distinct browse graphs  
2 by:  
3 receiving a navigation request;

5           based upon information contained in the received navigation request,  
6   selecting one of the plurality of browse graphs; and  
7           in response to user input, browsing the body of data using the selected  
8   browse graph.

21.   The computer-readable medium of claim 20 wherein the plurality of  
1   distinct browse graphs include a first browse graph and a second browse graph, and  
2   wherein the body of data contains a selected portion, and wherein the user input sequence  
3   required to browse to the selected portion using the first browse graph is different than  
4   the user input sequence required to browse to the selected portion using the second  
5   browse graph.

22.   The computer-readable medium of claim 20 wherein the plurality of  
1   distinct browse graphs include a first browse graph and a second browse graph, and  
2   wherein the body of data contains a selected portion, and wherein the first browse graph  
3   can be used to browse to the selected portion and the second browse graph cannot be  
4   used to browse to the selected portion.

23.   The computer-readable medium of claim 20 wherein the plurality of  
1   distinct browse graphs include a first browse graph and a second browse graph, and  
2   wherein the first browse graph is comprised of a plurality of text segments in a first  
3   natural language, and wherein the second browse graph is comprised of the plurality of  
4   text segments in a second natural language distinct from the first natural language.

24.   A method in a computer system for browsing data, the method  
1   comprising:  
2           while browsing the data in a first browse mode, receiving a first set of  
3   navigation commands;  
4           in response to receiving the first set of navigation commands in the first  
5   browse mode, browsing to an identified portion of the data;

7                   receiving a command to store an item in the browsed-to identified portion  
8 of data;  
9                   in response to receiving a command to store an identified item in the  
10 browsed-to identified portion of data, storing the identified item in the browsed-to  
11 identified portion of data;  
12                   while browsing the data in a second browse mode, receiving a second set of  
13 navigation commands distinct from the first set of navigation commands ;  
14                   in response to receiving the second set of navigation commands in the  
15 second browse mode, browsing to the identified portion of the data; and  
16                   displaying the identified portion of the data, including the stored identified  
17 item.

1                   25. The method of claim 24 wherein the storing stores a selected  
2 indication of an item for sale, and wherein the displaying displays indications of items for  
3 sale, including the selected indication.

1                   26. A computer memory containing a compound browsing data structure  
2 comprising a plurality of browse graphs, each browse graph comprising a plurality of  
3 relations used to access a body of subject data,  
4                   such that the subject data may be accessed using any one of the plurality of  
5 browse graphs.

1                   27. The computer memory of claim 26 wherein the compound browsing  
2 data structure further comprises a plurality of data portions collectively constituting the  
3 subject data, and wherein each of the browse graphs specify a location in the browse  
4 graph for each of the plurality of data portions.

1                   28. The computer memory of claim 27 wherein at least two of the  
2 browse graphs specify different locations for a selected one of the data portions.

29. A computer system for browsing a body of data, comprising:

- 1 a receiver that receives a navigation request;
- 2 a browse graph store that contains a plurality of distinct browse graphs; and
- 3 a data browser that uses one of the plurality of distinct browse graphs
- 4 selected based upon information contained in the navigation request received by the
- 5 receiver to browse the body of data.